freelance interactive design + programming

chengcheng.tan
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cheng cheng tan : : cheng2.design, llc
p.o. box 6954 : : laguna niguel, california 92607
866.450.8007 : : me@cheng2.com

experience

Independent Consultant [1996-present]

— **Spark Communications** : : Various print and web design services.
— **Nike Team Sports** : : Flash developer for interactive uniform builders.
— **Ignite Comm.net** : : Flash designer and programmer for Refractec's Virtual CK Surgery interactive tutorial.
— **Free Arts for Abused Children** : : Redesigned web site, matching forms, handouts & volunteer handbook.
— **Xerox PARC** : : Research Consultant to study globalization of the World Wide Web
— **SRI International** : : Student Researcher to analyze contextual and organizational issues of intranet deployment.

Unisys Corporation Information Management Group, Software Engineer [1997-1999]

— Implemented core features and methods in C++ for UREP Universal Repository.
— Designed and developed user interfaces for repository maintenance Java applications.
— Served as technical lead for select projects and acted as liaison with testing, support, and documentation teams.
— Underwent training track for project management.

UCI Library Information Systems, Programmer/Analyst [1995-1996]

— Designed Access databases for on-line help desk and inventory tracking systems
— Implemented cgi-bin Perl scripts to generate searchable, web-based financial reports for upper management.
— Developed and oversaw execution of library wide intranet strategy.
— Managed installation of 20 internet access Macs for the UCI Student Center.
— Provided library system administration and technical support for enterprise-wide computing.

UCLA Phonetics Laboratory, Programmer/Analyst [1992-1995]

— Designed numerous research tools and teaching aids including speech synthesis, sound editing, and 3D data visualization software.
— Developed customer database for department software and publications distribution.
— Provided department system administration and technical support services.

Institute of Plasma and Fusion Research, Administrative Assistant [1991-1993]

— Laid out annual reports, newsletters, brochures and other documents.
— Answered software questions and handled basic hardware problems.
— Performed bookkeeping and miscellaneous administrative tasks.

http://www.cheng2.com

http://www.freearts.org

http://www.lutzky.com

http://www.bamboodeli.com

http://ww.vicon.com

http://www.starryscapes.com

http://in-rhythm.faithweb.com

http://www.SawAssociatesLLC.com

SKILLS

Programming : : Java, JavaScript, C++, C, HTML, XML, ASP, SQL, and others.
Design : : Flash/ActionScript, Director/Lingo, Photoshop, Illustrator, Freehand.
OS : : Windows, Macintosh, and Unix.
Able to adapt to new environments and learn new software quickly.

education

University of California, Irvine Extension // Art Institute of Southern California [August 2000]
Certificate in Graphic Design and Visual Communications

Stanford University [September 1997]
M.S. in Computer Science specializing in Human-Computer Interaction, GPA 3.8

University of California, Los Angeles [June 1994]
B.A. in Linguistics and Computer Science with Business Minor, GPA 3.9

publications

Papers published in Journal of Speech and Hearing Research, Journal of Phonetics,
UCLA Working Papers in Phonetics, and Proceedings of the Acoustical Society of America.

honors

National Science Foundation Graduate Research Fellowship.
Graduated Summa Cum Laude and Phi Beta Kappa.